



Renewable Energy Survey – Part 2

Missouri Energy Center

2/2004

Part 2 Section A – For Owner/Operator of Solar Photovoltaic (PV) Generation

We appreciate any information that you are able to provide. If you cannot answer all of the questions asked in this survey, please answer those that you can.

1) Physical and operational characteristics of system

- a) Array configuration:
 - i) Rated capacity: _____ panels at _____ (watts) (kW) each = _____ (watts) (kW) total capacity
 - ii) Mounting; (a) fixed roof (b) pole (c) other _____
 - iii) Tracking system: (a) none (b) single-axis tracking (c) other _____
- b) How much electricity is generated during an average year? _____ kWh (kilowatthours)
- c) Approximately when (month and year) did you begin to use your system? (____/____)
- d) Who designed and installed your system? _____
- e) Please list manufacturer, model and other pertinent information for major components installed in your PV system to generate, measure, store or distribute electricity. Examples include the PV array, inverter, batteries, meters and equipment used to interconnect to the local utility's system.

- f) If you have confronted major technical, regulatory or utility-related issues or barriers in installing and operating your PV system, please list them and indicate how they were resolved.

2) Local electric utility system interconnection

- a) Name of your local electric utility: _____
- b) Is your system interconnected to the local electric utility system? (yes) (no)

- c) Do you sell excess electricity to your local utility? (yes) (no)
 d) If you are not interconnected, why not?

3) System use:

- a) How do you use the electricity generated from PV? (circle all that apply)

- i) General use
- ii) Dedicated use
 - (1) Street or signal lighting
 - (2) Other outdoor or remote lighting
 - (3) Remote telecommunications
 - (4) Water pumps for livestock, well or irrigation
 - (5) Fans – ceiling, attic or ventilation fans
 - (6) Security cameras
 - (7) Emergency or backup power
 - (8) Other _____

- b) Please describe energy conservation or efficiency steps you have taken to assure that your PV system meets your needs.

4) Cost

- a) Please estimate the total installed cost of your PV system. \$ _____ ☐ ?
- b) By installing your PV system instead of purchasing the power from the local utility, did you avoid any up-front costs that you would otherwise have had to pay? An example of up-front costs is payment for new utility lines to a remote location that the utility does not already serve. (yes) (no) If yes, please estimate this avoided cost. _____ ☐ ?
- c) We would appreciate any additional information or estimates you can provide concerning the costs or payback period for your PV system.

5) Reasons for installing (Please indicate your reasons for choosing to install your PV system)

- a) To save money
- b) Quality or reliability of the electricity generated
- c) To serve a location with no power lines
- d) Environmental considerations
- e) Interest in learning, developing and/or applying the technology
- f) Other _____

6) Please attach any additional information you would like to share that may assist other current or potential users of PV systems.

----- End of Part 2 Section A – Thank You -----

As explained in "How to Fill out this Survey," you may request confidentiality for any information that you submit.
 For questions about costs and prices, we provide a response box that you may use to request confidentiality.
 We will assume that all information is public unless you request otherwise.